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(71) Applicant (for all designated States except US): **RHODIA CHIMIE** [FR/FR]; 26, Quai Alphonse Le Gallo, F-92512 Boulogne-Billancourt Cedex (FR).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **HILLS, Emma** [GB/GB]; 1A Bentcliffe Mount, Moortown, Leeds, Leeds LS17 6QW (GB). **CHAPON, Pascal** [FR/FR]; 52, rue Jules Claretie, F-31400 Toulouse (FR).

(74) Agents: **BOITTIAUX, Vincent** et al.; Rhodia Services, Direction de la Propriété Industrielle, 40, rue de la Haie-Coq, F-93306 Aubervilliers Cedex (FR).

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(54) Title: TAGGED SCALE INHIBITING POLYMERS, COMPOSITIONS COMPRISING THE SAME, AND METHOD FOR PREVENTING OR CONTROLLING SCALE FORMATION

(57) Abstract: The invention relates to tagged scale-inhibiting polymers, to compositions comprising said polymers, and to a method for preventing or controlling scale formation in systems comprising said fluids. The tagging units are units deriving from a monomer having formula $X_2C=CY Y'$, wherein X, which is identical or different, is a hydrogen atom, or a C_1-C_4 alkyl group, Y is a hydrogen atom or a C_1-C_4 alkyl group, Y' is a group having formula -L-Arom, wherein L is a covalent bond or a divalent organic linking group optionally comprising heteroatoms, and Arom is a group comprising at least two conjugated aromatic rings, preferably at least three, said rings comprising conjugated carbon atoms, and, linked to said carbon atoms, hydrogen atoms or substituents.

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